

# ***Plainwell No. 2 Dam Area Time-Critical Removal Action Weekly Construction Update***

***Progress Report #7—September 28, 2009***

## ***Work Completed: September 17 – September 23, 2009***

- Completed construction activities associated with Staging Area 3 – mobilized a pug mill and a temporary water treatment system to the area.
- Completed clearing and grubbing activities in Removal Areas 1 through 5A.
- Completed construction of haul roads to access Removal Areas 1 through 5A. Aggregate for the construction of these haul roads was reused from existing haul roads developed for the former Plainwell Impoundment TCRA project.
- Completed installation of a resuspension control system in Removal Area 1.
- Completed construction of temporary access road to Island 1 and installation of temporary steel sheeting to facilitate removal activities in this area.
- Began removing targeted top-of-bank and floodplain soils from Removal Area 1.
- Began installing a resuspension control system for Island 1.
- Began loading and transporting solidified soil/sediment material from Staging Area 3 to Allied Waste C&C Landfill and Ottawa County Farms Landfill for final disposal.

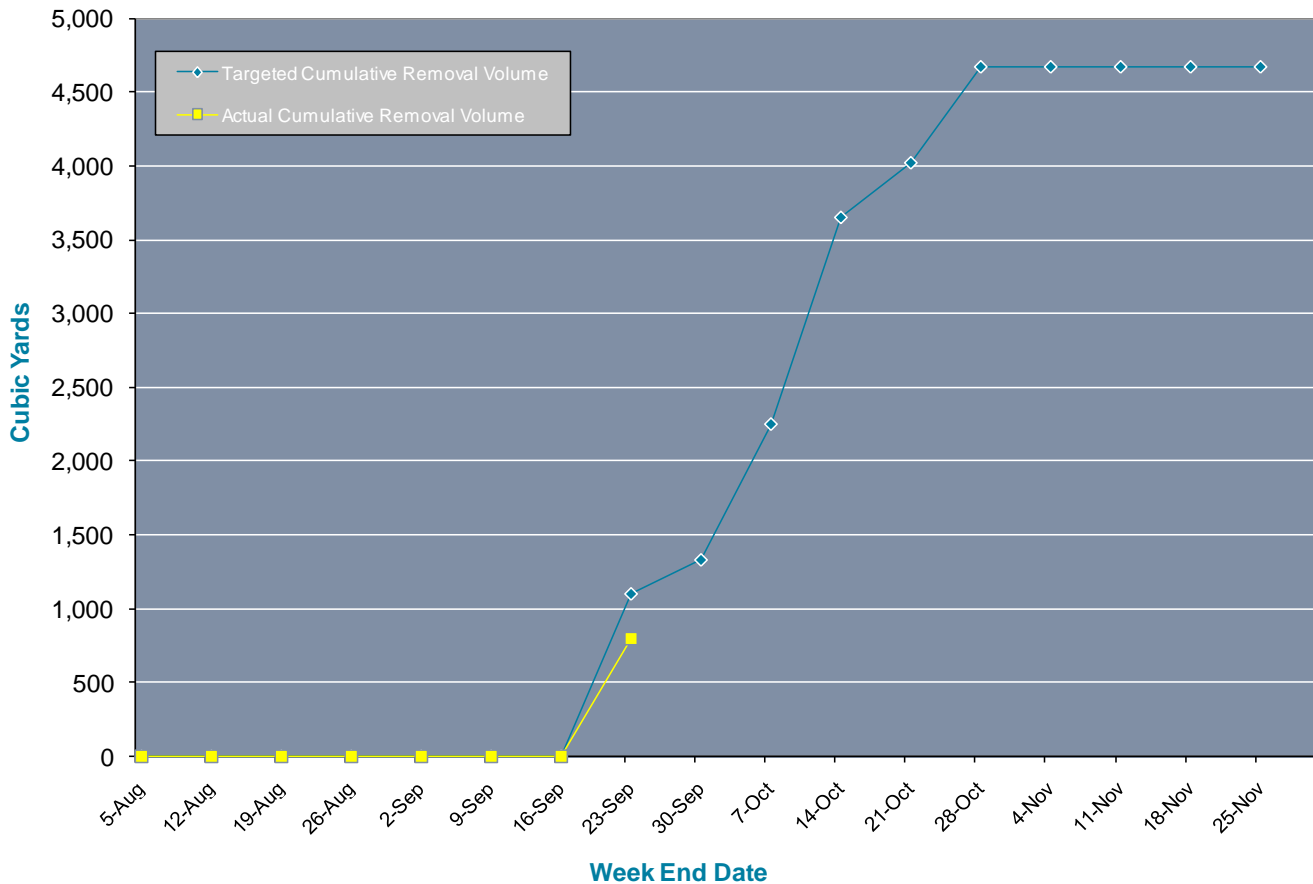
Estimated Weekly Volume Hauled to Non-TSCA Landfill Facilities		
Date	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	210	6
2009 Total	210	6

Note: All values are unofficial, estimated quantities, subject to revision/verification.

## ***Work Planned: September 24 – September 30, 2009***

- Complete removing targeted top-of-bank and floodplain soils from Removal Area 1.
- Complete installation of the resuspension control system for Island 1.
- Begin removing targeting top-of-bank and floodplain soils from Island 1.
- Complete the improvements to the temporary railroad crossing. The existing railroad crossing will be extended to a width of 40 feet by Grand Elk Railroad.
- Continue loading and transporting solidified material from Staging Area 3 to Allied Waste C&C Landfill and Ottawa County Farms Landfill.

**Removal Progress – 2009**

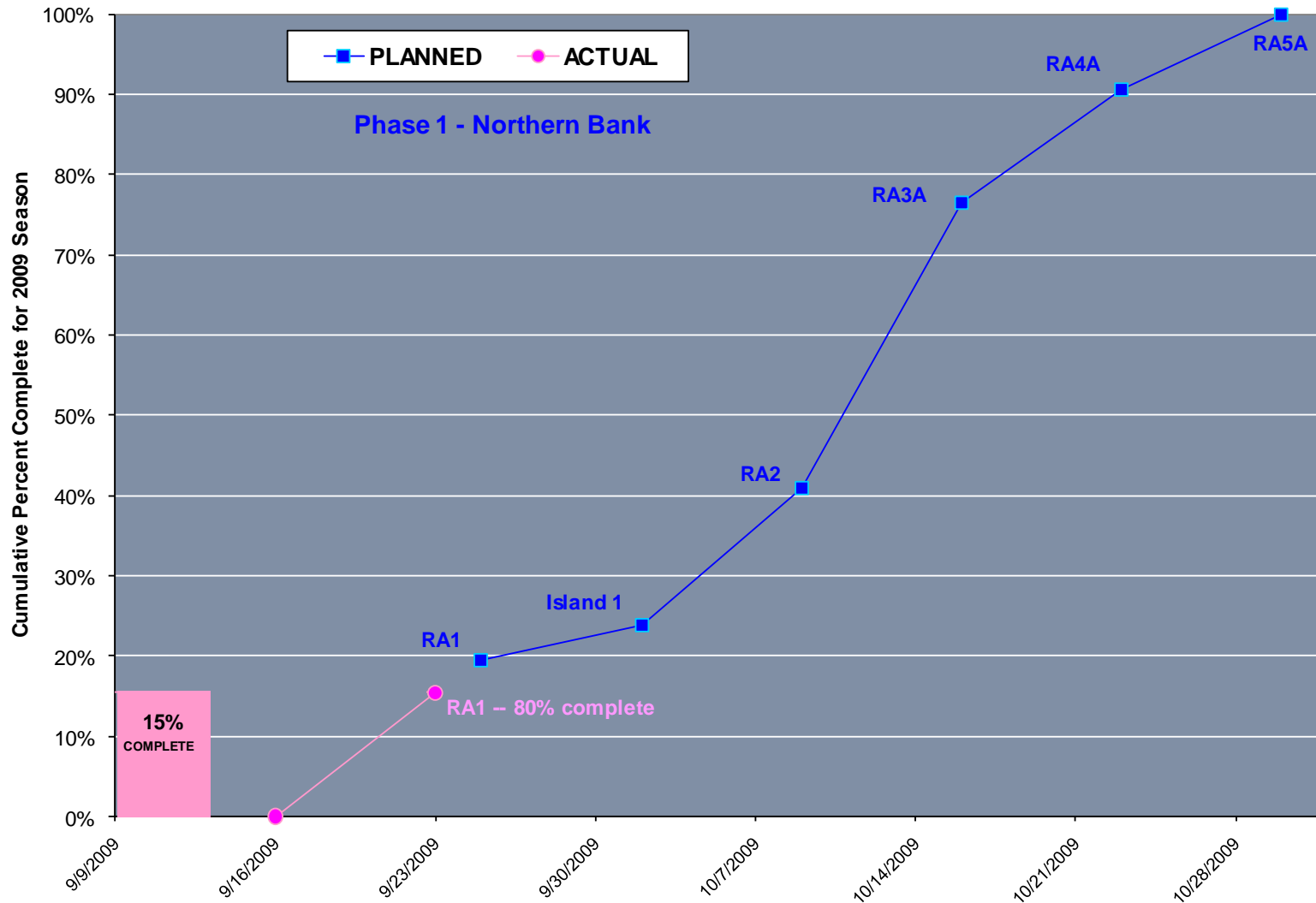


**Notes:**

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling.

**Removal Progress – 2009**



**Notes:**

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell No. 2 Dam Area Design Report.

### **Health & Safety Update**

- 3 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 21 LPOs have been completed for the project to date.

### **Weather Summary**

- No weather delays encountered.

### **Environmental Monitoring and Construction Quality Assurance Testing**

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons (Staging Area 3)

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ In Removal Area 1.

Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain: Analytical results pending.

### **Issues Encountered/Solutions Advanced**

- None.

***Equipment on Site***

Equipment List	Number Onsite
Komatsu PC-400 Excavator	1
Komatsu PC-300 HD Long Reach	1
Komatsu PC-300 Excavator w/Shear Attachment	1
Komatsu PC-200 Excavator	1
John Deere JD-50 Mini-Excavator	1
John Deere 450 Dozer	1
Komatsu D51 Dozer	1
Komatsu D61 Dozer	1
Komatsu 380 loader	2
Pug Mill	1
Sakai Smooth Drum Roller	1
Vermeer Stump Grinder	1
Vermeer Chipper	1
2,000 gallon water truck	1
Komatsu 300 Off Road Truck	2
FAVCO 40-ton Crane	1
Long Reach Fork Lift	1

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***Personnel, Regulatory Staff, and Visitors on Site***

Individual/Affiliation	9/17/09	9/18/09	9/19/09	9/20/09	9/21/09	9/22/09	9/23/09
Terra Contracting Staff	15	15	15	10	15	15	15
American Environmental Group							
Georgia-Pacific Staff							
Garry Griffith					X	X	
Chase Fortenberry							
Rich Garner							
ARCADIS Staff							
EJ Suardini	X			X	X	X	X
Michelle Rumler					X	X	X
Mike Kohagen	X	X	X				
Ben Lawrence	X	X			X	X	
Nick Harmer	X	X	X	X	X	X	X
Steve Garbaciak							
Scott Marcus	X	X					
Eric Hritsuk	X						
Oversight Personnel							
Mike Ribordy/USEPA OSC					X		
Sam Borries/USEPA OSC					X	X	
Thomas Cook/USEPA OSC						X	
Weston Personnel					X	X	X
Other Agency Staff							
Paul Bucholtz/MDEQ							
Sharon Hanshue/ MDNR							
John Lerg/ MDNR							
Lisa Williams/ USFWS							



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*Photos from September 17 – September 23, 2009*



Removing targeted top-of-bank and floodplain soils from Removal Area 1.



Constructing access to Island 1 in preparation for removal activities.

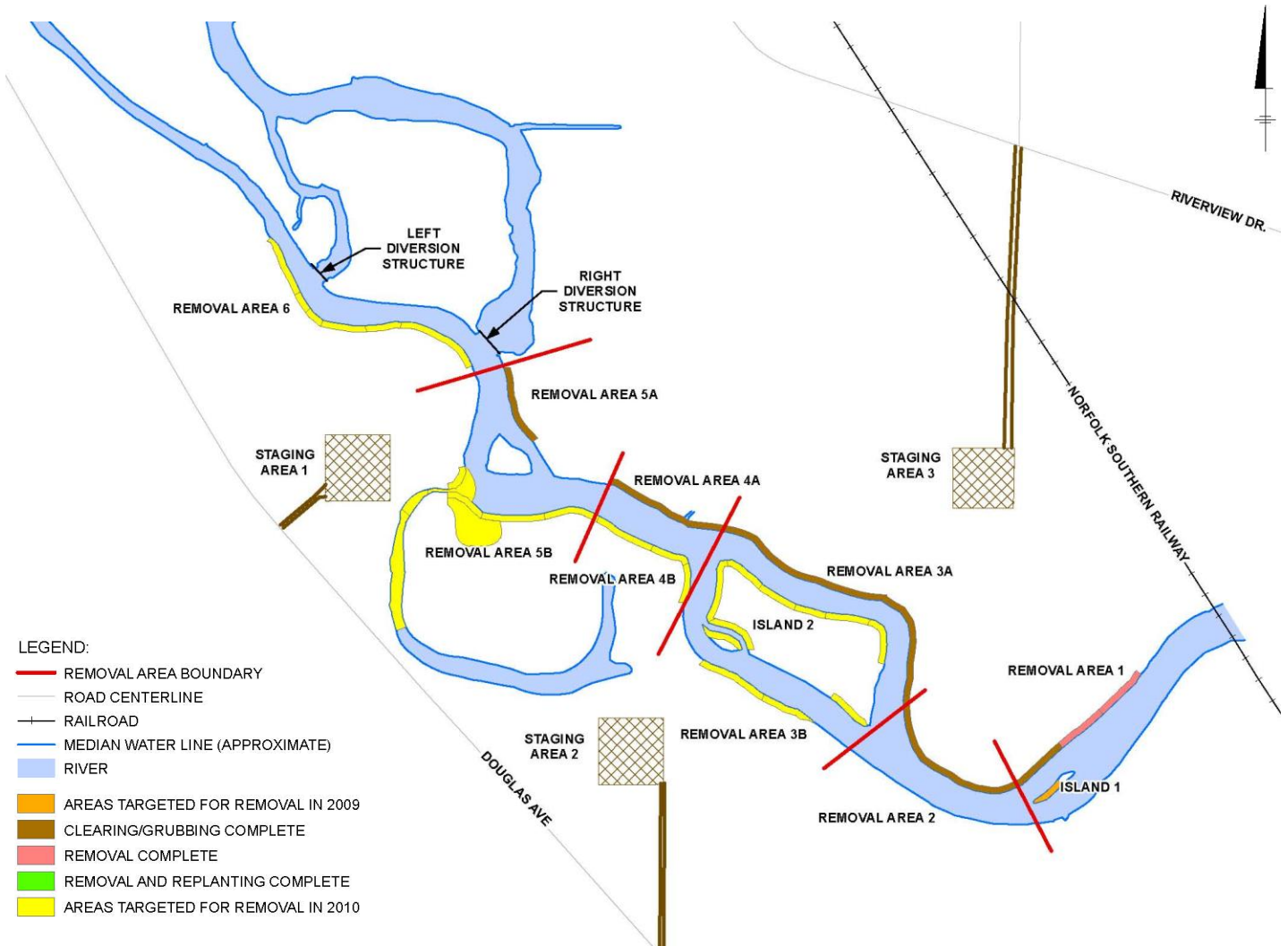


Loading top-of-bank and floodplain soils at Staging Area 3 for transportation and disposal.



Installing temporary steel sheeting in preparation for removal activities at Island 1.

**Targeted Removal Areas – Plainwell No. 2 Dam Area**



**Notes:**

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.